



Circulating ncRNAs as Biomarkers in Health and Disease

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Message from the Guest Editor

In the last three decades, crucial progress has been achieved regarding our understanding of the roles of intracellular and extracellular noncoding RNAs (ncRNAs). Intracellularly, ncRNAs seem to be necessary regulators of gene expression affecting and modulating the course of diseases. From tissues to extracellular fluid, ncRNAs are actively pumped to act as messengers involved in intercellular communication, or can be passively released, both of which can serve us in clinical practice to better understand, diagnose or estimate the further progression of diseases in our patients. Firstly, many small ncRNAs have been identified as potential biomarkers of various diseases, following the recent categorization of long ncRNAs. With the recent COVID-19 pandemic, many laboratories throughout the world obtained novel laboratory equipment, allowing them to determine DNA and RNA molecules from samples; thus, I believe an era of novel ncRNA-based biomarkers potentially able to achieve use in daily clinical practice is now ahead of us, and this Special Issue aims to collect both original and review papers focusing on the roles of circulating ncRNAs in health and disease.





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